

CLEAR REJECT MESSAGE FOR CALL CLEARING AND MOBILE RESOURCE  
ASSIGNMENT WITH HOLDING CALL

ABSTRACT OF THE DISCLOSURE

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10 A new Clear Reject message (or, equivalently, a new  
cause value indicating "Call on Hold" for the Clear  
Command) is defined for IS-2001 wireless communications to  
prevent resource deallocation prior to re-paging of a  
mobile station terminating connections with a call on hold.  
In response to receiving the new message from a mobile  
switching center, the serving base station maintains  
resource allocations for the mobile station and notifies  
the mobile station of the holding call, causing a ring tone  
to sound at the mobile station. State transition and  
paging channel monitoring by the mobile station, use of  
paging resources by the mobile switching center, and  
resource tear-down and reassignment by the base station are  
all avoided.